1: Evans-Pritchard E-5 (1931, 1936) 1940
FJ22 Nuer FJ22

135 Nuerland lacks the two raw materials that have played so important a part in the manufacture of primitive tools: iron and stone. Nuer have always been poor in iron objects. Till recently
411 they possessed very few iron spears, cherished as heirlooms, but used instead the straightened horns of antelope and buck, ebony wood, and the rib-bones of giraffe, all of which are still used to-day,
442 though almost entirely in dances (Fig. 11). Wooden hoes were used for gardening, and are still sometimes so used to-day. Iron
301 bells (Fig. 4) are rare and highly prized even at the present time, and in the old days iron rings and bracelets were important pieces of property. Wooden bells and ivory and leather rings and bracelets took their place in common use. Nuer have no knowledge of
325 smelting and little of the blacksmith's art. I have never seen a forge and, though there are certainly some blacksmiths, their art is crude and may be regarded as a recent innovation, at any rate in most parts of Nuerland. Spears bought from Arab merchants are beaten out in the cold.

135 Nuerland also lacks any kind of hard stone. Indeed, outside villages I have never seen a stone. They are sometimes brought
442 from neighbouring areas and employed as hammers, for smoothing
323 metal ornaments, for rubbing skins, and so on. Grinding grain seems to have been a recent introduction. The grinder is made from thornwood and the grindstone from baked marsh mud mixed with finely pounded potsherds (Fig. 12). With clay, mud, and sand, Nuer also make pots, grain-bins, pipes, toys, hearthstones, and firescreens; construct the walls of byres and huts; and coat floors and those parts of homesteads they wish to keep smooth and clean.

137 Nature, which denies them iron and stone, is niggardly in her gift of wood. Large trees are rare. Thornwood and low brush-
322 wood provide timber for building, spear-shafts, harpoon-shafts, clubs (Frontispiece and Plate VIII), pestles, neck-rests, baskets, and winnowing trays. Probably no trees in Nuerland are suitable for carving and Nuer possess no wooden utensils. Even the ebony they use for making spears is not found in their country. Ambatch-trees grow in some parts of the swamp areas and from it is made an object which serves as a parrying stick, tobacco pouch,
[372] pillow, and seat (Plate XXIX). Byre and kraal fires are fed with dried dung, and wood fuel is only employed in the kitchen—grasses and millet stalks sometimes being used as a substitute. Grasses, millet stalks, and some plants are also used for various purposes: rafters, windscreens, thatching, cord, basketwork, &c. Gourds are cultivated for dairy utensils.

237 Lacking iron and stone Nuer thus make use of vegetable and earthy materials instead. Animal products are also a valuable